

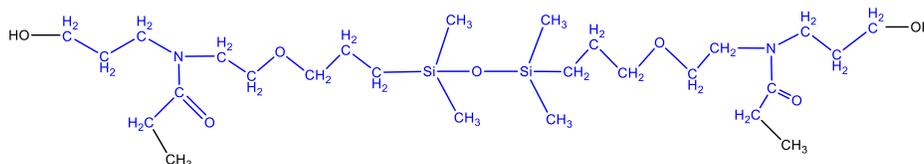
Product Profile

Identification

Product Name: Poly(2-Ethyl-2-Oxazine)-b-poly(dimethyl siloxane)-b-poly(2-Ethyl-2-Oxazine)

Product Lot Number: P45067B-EOZDMSEOZ

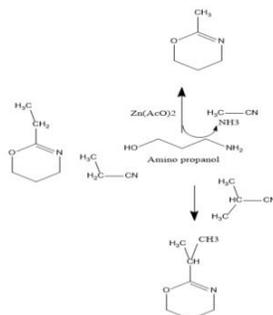
Product Chemical Architecture:



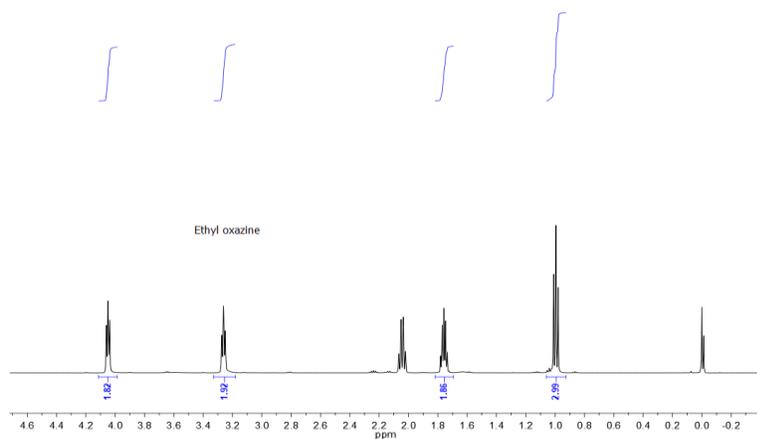
Composition:

Mn x 10 ³	Mw/Mn (PDI)	Dp of each block: A-B or ABA from ¹ H NMR
0.4-b-5.0-b-0.4	1.3	4-b-65-b-4

Method of Synthesis



HNMR of Monomer 2-ethyl-2 Oxazine:

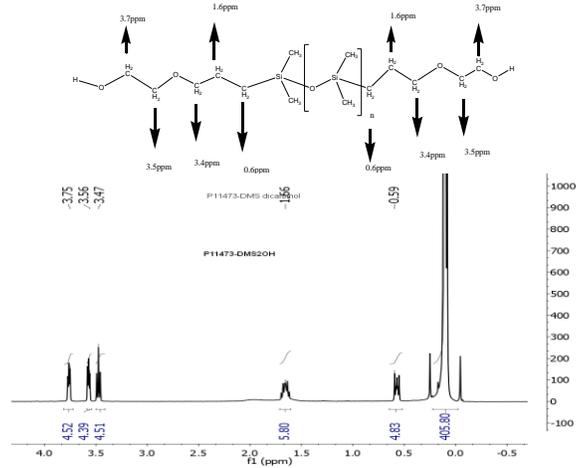
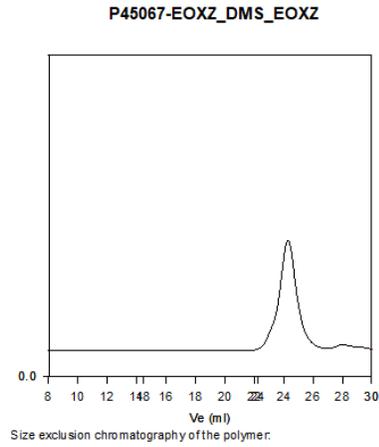


Solubility in different solvents

THF			
CHCl ₃		CHCl ₃	
Toluene-Hot			

Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile



B. NMR (HNMR) spectrum of polymer:

